

CLAIMS

1. An air intake apparatus for an internal combustion engine comprising:

an air intake manifold that has a plurality of branch pipes that are connected to
5 an internal combustion engine and has a collecting pipe to which a throttle body is
connected, in which an air intake quantity that is taken into the internal combustion
engine is adjusted using a throttle valve of the throttle body, and in which a fuel injection
quantity is adjusted in accordance with the air intake quantity, wherein

an air flow rate sensor that detects a quantity of air that is taken into the internal
10 combustion engine is provided in at least a portion of the plurality of branch pipes.

2. The air intake apparatus for an internal combustion engine according to claim 1,
wherein one of the air flow rate sensors is provided in each of the plurality of branch
pipes.

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3. The air intake apparatus for an internal combustion engine according to claim 1,
wherein one of the air flow rate sensors is provided in the collecting pipe.

4. An air intake apparatus for an internal combustion engine comprising:

20 an air intake manifold that has a plurality of branch pipes that are connected to
an internal combustion engine and has a collecting pipe to which a throttle body is
connected, in which an air intake quantity that is taken into the internal combustion
engine is adjusted using a throttle valve of the throttle body, and in which a fuel injection
quantity is adjusted in accordance with the air intake quantity, wherein

25 an extended portion that extends towards the branch pipe side is provided on an

end portion on the branch pipe side of the collecting pipe, and an air flow rate sensor that detects a quantity of air that is taken into the internal combustion engine is provided on this extended portion.